

# Thomas Kissinger

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16  
papers

84  
citations

5  
h-index

8  
g-index

30  
ext. papers

151  
ext. citations

3  
avg, IF

2.49  
L-index

#	Paper	IF	Citations
16	In-process range-resolved interferometric (RRI) 3D layer height measurements for wire + arc additive manufacturing (WAAM). <i>Measurement Science and Technology</i> , <b>2022</b> , 33, 044002	2	1
15	Multiple intensity reference interferometry for the correction of sub-fringe displacement non-linearities. <i>Measurement Science and Technology</i> , <b>2022</b> , 33, 025201	2	0
14	High sensitivity pressure measurement using optical fibre sensors mounted on a composite diaphragm. <i>Optics Express</i> , <b>2021</b> , 29, 4105-4123	3.3	5
13	Fibre-coupled, multiplexed methane detection using range-resolved interferometry. <i>JPhys Photonics</i> , <b>2021</b> , 3, 02LT01	2.5	
12	Three-dimensional interferometric stage encoder using a single access port. <i>Optics and Lasers in Engineering</i> , <b>2021</b> , 137, 106342	4.6	1
11	Correction of periodic displacement non-linearities by two-wavelength interferometry. <i>Measurement Science and Technology</i> , <b>2021</b> , 32, 125202	2	0
10	Application of fibre optic sensing systems to measure rotor blade structural dynamics. <i>Mechanical Systems and Signal Processing</i> , <b>2021</b> , 158, 107758	7.8	1
9	Polarization-sensitive transfer matrix modeling for displacement measuring interferometry. <i>Applied Optics</i> , <b>2020</b> , 59, 7694-7704	1.7	3
8	Workpiece positioning sensor (wPOS): A three-degree-of-freedom relative end-effector positioning sensor for robotic manufacturing. <i>Procedia CIRP</i> , <b>2019</b> , 79, 620-625	1.8	5
7	Ground vibration testing of a helicopter rotor blade using optical fibre sensors <b>2019</b> ,		1
6	Dynamic Fiber-Optic Shape Sensing Using Fiber Segment Interferometry. <i>Journal of Lightwave Technology</i> , <b>2018</b> , 36, 917-925	4	15
5	Fiber Segment Interferometry for Dynamic Strain Measurements. <i>Journal of Lightwave Technology</i> , <b>2016</b> , 34, 4620-4626	4	9
4	Range-resolved interferometric signal processing using sinusoidal optical frequency modulation. <i>Optics Express</i> , <b>2015</b> , 23, 9415-31	3.3	17
3	Simultaneous laser vibrometry on multiple surfaces with a single beam system using range-resolved interferometry <b>2015</b> ,		3
2	Fibre segment interferometry using code-division multiplexed optical signal processing for strain sensing applications. <i>Measurement Science and Technology</i> , <b>2013</b> , 24, 094011	2	9
1	Nonequilibrium wetting of finite samples. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , <b>2005</b> , 2005, P06002	1.9	12